

Appl. No. : 10/763,977
Filed : January 23, 2004

AMENDMENTS TO THE CLAIMS

Please amend Claims 13-15 and 18 as follows. Insertions are shown underlined while deletions are ~~struck through~~. Please cancel Claims 1-8, 12, 16, and 17 without prejudice.

1-8 (canceled)

9 (previously presented): A protective tape used for an optical member, comprising:
a plastic film base;
a pressure-sensitive adhesive layer formed on one side of the plastic film base;
and
a treated layer formed on an opposite side of the plastic film base and having a structure in which a copolymer (A) constituted by
(a) an alkyl (meth)acrylate having an alkyl group with carbon numbers of 8 to 20;
(b) (meth)acrylonitrile; and
(c) a monomer having functional groups copolymerized with the components (a) and (b), wherein the components (a), (b), and (c) are copolymer constituents,
is further cross-linked by a cross-linking agent having at least two functional groups having reactivity with functional groups present in the monomer to form a cross-link structure.

10 (previously presented): The protective tape of Claim 9, wherein the monomer includes carboxyl groups.

11 (previously presented): The protective tape of Claim 10, wherein the cross-linking agent is selected from the group consisting of polyisocyanate compounds, polyamine compounds, melamine resins, urea resins, and epoxy resins.

12 (canceled)

13 (currently amended): ~~The~~A protective tape of ~~Claim 1~~used for an optical member: comprising a plastic film base, a pressure-sensitive adhesive layer formed on one side of the plastic film base and a treated layer formed on an opposite side of the plastic film base,
wherein the treated layer has a structure in which
a copolymer (A) including
(a) an alkyl (meth)acrylate having an alkyl group with carbon numbers of 8 to 20;

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(b) (meth)acrylonitrile; and
(c) a monomer having functional groups copolymerizable with the component (a) and the component (b), wherein the components (a), (b), and (c) are copolymerization components,
is cross-linked by a cross-linking agent, wherein the molar ratio of alkyl (meth)acrylate/(meth)acrylonitrile is from 10/90 to 20/80.

14 (currently amended): ~~The~~A ~~protective tape of Claim 1~~used for an optical member: comprising a plastic film base, a pressure-sensitive adhesive layer formed on one side of the plastic film base and a treated layer formed on an opposite side of the plastic film base,
wherein the treated layer has a structure in which
a copolymer (A) including

(a) an alkyl (meth)acrylate having an alkyl group with carbon numbers of 8 to 20;
(b) (meth)acrylonitrile; and
(c) a monomer having functional groups copolymerizable with the component (a) and the component (b), wherein the components (a), (b), and (c) are copolymerization components,
is cross-linked by a cross-linking agent, wherein the molar ratio of (alkyl (meth)acrylate + (meth)acrylonitrile)/monomer is from 100/20 to 100/60.

15 (currently amended): ~~The~~A ~~protective tape of Claim 1~~used for an optical member: comprising a plastic film base, a pressure-sensitive adhesive layer formed on one side of the plastic film base and a treated layer formed on an opposite side of the plastic film base,
wherein the treated layer has a structure in which
a copolymer (A) including

(a) an alkyl (meth)acrylate having an alkyl group with carbon numbers of 8 to 20;
(b) (meth)acrylonitrile; and
(c) a monomer having functional groups copolymerizable with the component (a) and the component (b), wherein the components (a), (b), and (c) are copolymerization components,
is cross-linked by a cross-linking agent, wherein the molar ratio of (alkyl (meth)acrylate + (meth)acrylonitrile)/monomer is from 100/30 to 100/50.

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16 (canceled)

17 (canceled)

18 (currently amended): The A protective tape of Claim 1 used for an optical member: comprising a plastic film base, a pressure-sensitive adhesive layer formed on one side of the plastic film base and a treated layer formed on an opposite side of the plastic film base, wherein the treated layer has a structure in which a copolymer (A) including
(a) an alkyl (meth)acrylate having an alkyl group with carbon numbers of 8 to 20;
(b) (meth)acrylonitrile; and
(c) a monomer having functional groups copolymerizable with the component (a) and the component (b), wherein the components (a), (b), and (c) are copolymerization components,
is cross-linked by a cross-linking agent, wherein the cross-linking agent is selected from the group consisting of polyisocyanate compound, polyamine compound, melamine resin, urea resin, and epoxy resin.